

Application No. 10/063,808  
Docket No. 13DV-13711  
Amendment dated May 19, 2004  
Reply to Office Action of July 10, 2003

**Amendments to the Specification:**

Please replace paragraph [0007] with the following amended paragraph:

**[0007]** The present invention is a PVD process and apparatus for depositing a coating from multiple sources of different materials. The process and apparatus are particularly intended to deposit a nickel-base intermetallic coating, such as the ~~gamma prime phase~~  $\gamma'$  ~~[Ni(Co,Fe,Cr,Mo,W,Re)<sub>3</sub>Al]~~ or beta phase ( $\beta$ NiAl), which is alloyed to contain zirconium, hafnium, yttrium, cerium and/or another reactive element whose vapor pressure is significantly lower than the constituents of the nickel-base intermetallic. According to the invention, a different evaporation rate for these reactive elements is necessary to achieve higher deposition rates and better control of the coating chemistry.